

Living Environment Regents Review Book Answers

Page 54-70

1. 4
2. 1
3. 3
4. 1
5. 1
6. 4
7. 4
8. 2
9. 2
10. 3
11. 1
12. 4
13. 2
14. 1
15. 2
16. 2
17. 4, 2, No pairs
18. 1
19. 1
20. 1
21. 3
22. 1
23. 4
24. 4
25. 4
26. 3
27. 2
28. Meiosis, 5, fertilization, 10, cleavage, 10
29. 3
30. 3
31. 4
32. 2
33. 3
34. 2
35. 1
36. 1
37. 1
38. 3
39. 3
40. 2
41. 3
42. 3
43. 2
44. 3
45. 1
46. 4
47. 1

- 48. 1
- 49. half the chromosomes are missing
- 50. Hormones
- 51. Ovary
- 52. 3

Part A, B, and C p. 66-70

- 1. 3
- 2. 2
- 3. 2
- 4. 3
- 5. 1
- 6. 2
- 7. 2
- 8. 3
- 9. 1
- 10. 3
- 11. 2
- 12. 4
- 13. 1
- 14. 2
- 15. Same #
- 16. 3
- 17. 4
- 18. 2
- 19. Answers will vary
- 20. More development occurs in early stages
- 21. Placental diffusion, exchanges nutrients/wastes between mother and child
- 22. Diet, exercise, no drugs
- 23. Will be the same
- 24. Meiosis reduces by half (n = haploid) whereas fertilization restores the full set ($2N$ = diploid)
- 25. half of mother's half from new father
- 26. zygotes will be different each time, different half from each father.
- 27. Age, diet, occupation
- 28. Drugs?
- 29. Research, look for trends, collect the data